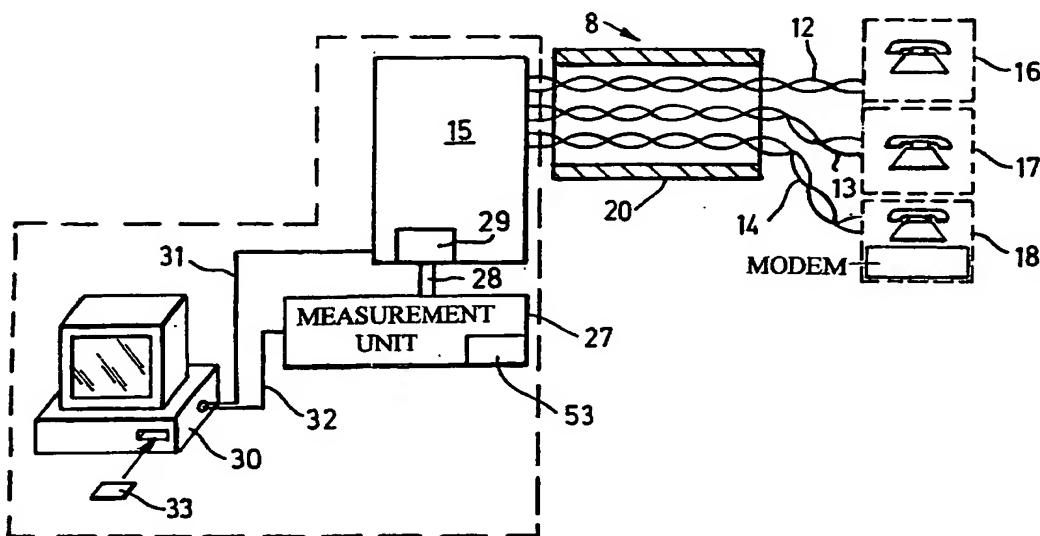




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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: QUALIFYING TELEPHONE LINES FOR DATA TRANSMISSION



(57) **Abstract:** The method assesses the suitability of customer telephone lines (12, 13, 14) for data transmission. The method includes selecting a telephone line having tip and ring wires by means of a computer (30) and switch (15), and electrically connecting the tip and ring wires together at a test access (29) adjacent one end of the selected line to produce a common mode configuration. Single-ended electrical measurements are performed on the wires in the common mode configuration by a measurement unit (27) connected to the test access (29) to determine an electrical property of the wires from the measurements.